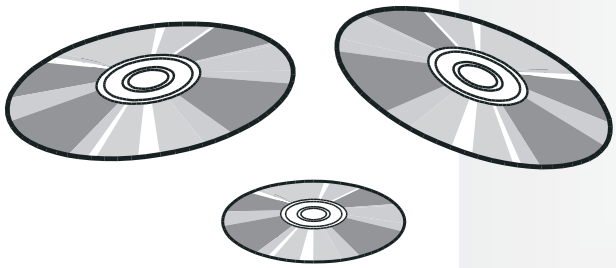
Acesonic

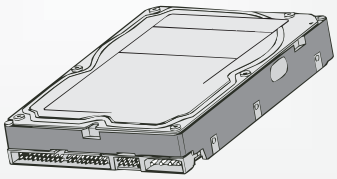
Karaoke on Demand Jukebox

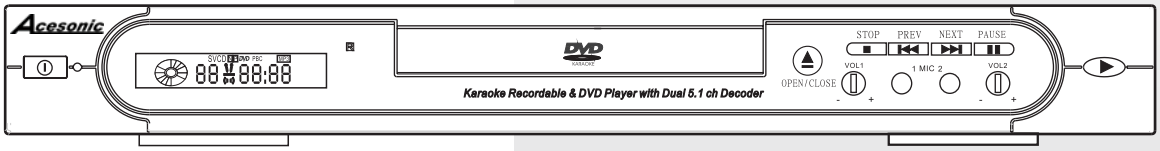
With Disc Capturing

KOD-650

USER MANUAL







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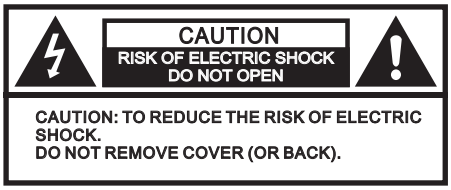


The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CAUTION
To reduce the risk of electrical shocks, fire, etc:
1.Do not remove screws, screws, covers or cabinet.
2.Do not expose this appliance to rain or moisture.

FCC INFORMATION (U.S.A.)

1.This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
Reorient or relocate the receiving antenna.
Increase the separation between the equipment and receiver.
Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/TV technician for help.

2.**IMPORTANT:** When connecting this product to accessories and/or another product use only high quality shielded cables. Cable(s) supplied with this product MUST be used. Follow all installation instructions. Failure to follow instructions could void your FCC authorization to use product in the U. S. A.

For Canada/Pour le Canada
CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT,AND FULLY INSERT.
ATTENTION: POUR EVITER LES CHOCS ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQUAU FOND.

For Canada/Pour le Canada
THIS DIGITAL APPARATUS DOES NOT EXCEED THE CLASS B LIMITS FOR RADIO NOISE EMISSIONS FORM DIGITAL APPARATUS AS SET OUT IN THE INTERFERENCE-CAUSING EQUIPMENT STANDARD ENTITLED DIGITAL APPARATUS, ICES-003 OF THE DEPARTMENT OF COMMUNICATIONS. CET APPAREIL NUMERIQUE RESPECTE LES LIMITES DE BRUITS RADIO ELECTRIQUES APPLICABLES AUX APPAREILS NUMERIQUES DE CLASSE B PRESCRITES DANS LA NORMESUR LE MATERIEL BROUILLEUR: APPAREILS NUMERIQUES , NMB-003 EDICTEE PAR LE MINISTRE DES COMMUNICATIONS.

Caution
Disconnect the electrical plug to shut off power completely. The POWER on the unit is not off from the electrical plug when the POWER button on the front panel is not pressed in.

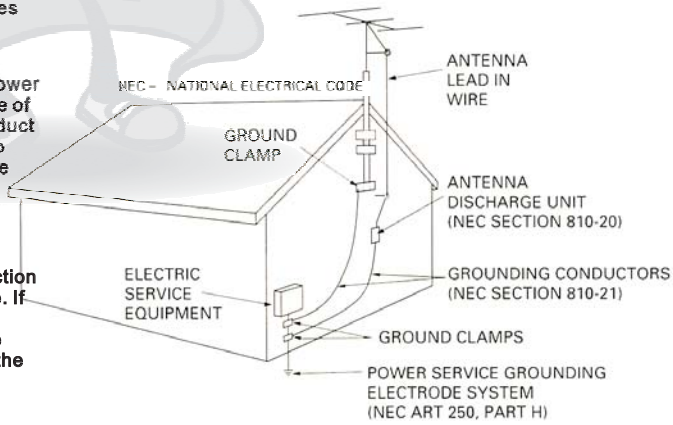
IMPORTANT FOR LASER PODUCTS

1. CLASS1 LASER PRODUCT
2. DANGER: Visible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
3. **CATION:** Do not open the top cover. There are no user service able parts inside the unit. Leave all servicing to qualified service personnel.
4. **REPRODUCTION OF LABEL:** CAUTION LABEL, PLACED INSIDE THE UNIT.

Important Safety Instructions

1. **Read** These Instructions.
2. **Keep** These Instructions.
3. **Heed** All Warnings.
4. **Follow** All Instructions.
5. **Do** not use this product near water.
6. **Clean** only with dry cloth.
7. **Do** not block any ventilation openings.
8. **Do** not install near any heat sources such as radiators, heat register, stoves, or other apparatus (including amplifiers) that produce heat.
9. **Do** not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. **Protect** the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. **Only** use attachments and accessories specified by the manufacturer.
12. **Use** only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart. Apparatus combination to avoid injury from tip-cover.

13. **Unplug** this apparatus during lightning storms or unused for long period of time.
14. **Refer** all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. **This** product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.
16. **Protective Attachment Plug**
    The product is equipped with an attachment plug having overload protection. This is a safety feature. See Instruction Manual for replacement or resetting of protective device. If replacement of the plug is required, be sure the service technician has used a replacement plug specified by the manufacturer that has the same overload protection as the original plug.
17. **Power Lines**
    An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.
18. **Overloading**
    Do not overload wall outlets, extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock.
19. **Object and Liquid Entry**
    Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.
20. **Replacement Parts**
    When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.
21. **Safety Check**
    Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
22. **Wall or Ceiling Mounting**
    The product should be mounted to a wall or ceiling only as recommended by the manufacturer. Any mounting of the product should follow the manufacturer instructions, and should use a mounting accessory recommended by the manufacturer.
23. **Wet location marking**
    Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
24. **Outdoor Antenna Grounding**
    If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See figure below.


NEC - NATIONAL ELECTRICAL CODE
ANTENNA LEAD IN WIRE
GROUND CLAMP
ANTENNA DISCHARGE UNIT (NEC SECTION 810-20)
GROUNDING CONDUCTORS (NEC SECTION 810-21)
ELECTRIC SERVICE EQUIPMENT
GROUND CLAMPS
POWER SERVICE GROUNDING ELECTRODE SYSTEM (NEC ART 250, PART H)

BEFORE OPERATION

Included Accessories

Please check that you have all of the following accessories supplied to you. If anything is missing, please contact your dealer immediately.

*RCA Audio/Video Cable(Yellow/Red/White)
*Remote Control
*User's Manual
*Rack-mount kit

About this manual

The display window information and On Screen Display (OSD) menu items are all in upper case letters.

Precautions

Notes on Power Cord

*When you are away on travel or an extended period of time, unplug the unit from the wall outlet.
*When unplugging the player from the wall outlet, always pull the plug, not the cord.
*Do NOT handle the power cord with wet hands.

Avoid Moisture, Water and Dust

*Do not place the player in a moist environment or in area where there might be an excessive amount of dust build up (e.g. near a fan).
*If water or any liquid should get into the unit, turn off the power and unplug the unit from the wall outlet immediately. Consult your dealer or an authorized repair station. Using the unit in this state may lead to fire or electrical shock.

Avoid High Temperatures

*Do not expose the player to direct sunlight or near any heating device.

Notes on Installation

*Select a place where the unit will be level, dry, and not too cold or hot.
*Do not use unit on its side or where subject to vibrations (e.g. speakers).
*Leave sufficient distance between the TV and unit.
* Do not leave heavy objects on top of unit.

Prevent Malfunction of Unit

*No parts in this unit are user-serviceable. If the unit no longer functions, unplug from it wall outlet and contact your retailer for help.

Playable Media

This unit supports the following disc formats:
*DVD, Video CD, Video CD 2.0
*CD+Graphics, Audio CD
*MP3, WMA, JPEG, MPEG

Above media is playable on the following discs:
*DVD±R, DVD±RW, DVD±R DL, DVD±RW DL
*CD-R, CD-RW
Above media is recordable on the following discs:
*CD+G, Video CD, CD-Audio.

NOTE

*Any disc that is not listed above will cause the player to display NO DISC in the DISPLAY WINDOW. Future media and disc formats maybe supported with firmware upgrade, when available.
*Dirty, scratched, warped, and defective discs may cause a considerable time delay during the loading and reading of the disc. In extreme cases, this may render the disc completely unreadable by the player.

Video Signal Formats

This player also accommodates NTSC and PAL color systems, with automatic detection and override settings.

Digital Audio Formats

This player accommodates 5.1 Channel surround sound.

NOTE

*Depending on the AUDIO SETUP> SPDIF setting, digital audio signals may not be output as they are recorded on the disc.

Notes Regarding Discs

*With some DVD's, the player starts playback automatically after inserting the disc, regardless whether or not PLAY BACK CONTROL is on or off.
*The image may be poor, noisy, or grainy due to actual defects on the disc itself.
*Some functions may not be possible on all discs as described in this manual.

Handling and Cleaning of Discs

Handling

*At anytime, when handling discs, always hold them from their edges and/or by the circle in the center.
*NEVER write on the any surface of the disc for it may render the disc unreadable.
*Store discs in a clean and dry environment. Storing CD's vertically will also help prevent warping.
*After use, insert CD into jacket or case to minimize wear and tear. Do NOT stack CDs on top of one another.
*Do not bend or press the disc. Do not expose the disc to direct sunlight

Cleaning

*Wipe the discs from time to time using a soft cloth. Always wipe from the center towards the edges. NOT in circular motions.
*DO NOT clean with any cleaning solution, unless it is specifically made for disc cleaning.

FEATURES

MULTI-FUNCTION:
This player integrates DVD and karaoke functions in a single unit.
Compatible with MPEG1, MPEG2, CD+G
Compatible with DVD, CD+G, VCD, CD, MP3, JPEG pictures, CDR/RW, DVD R/RW disc
Record CD+G, VCD, and Audio CD into the built-in hard drive.

COMPACT DESIGN:
Super-thin and refined design, only 2 inches thick. Comes with a rack-mount kit to mount in any standard 19" rack.

EASY TO USE KARAOKE FUNCTIONS
Efficient song ordering through on screen display even without songbooks.
Up to 80 songs could be added to the song list.
Easy to add or delete songs using the remote control.

EFFICIENT PLAYBACK FUNCTION
Random play of all songs stored in the hard disc.
To repeatedly play all reserved songs is only a button away.
Quickly access your favorite songs by using the "My favorite" feature.

OUTSTANDING AUDIO/VIDEO PERFORMANCE
The built-in 5.1 Channel decoder and optical/coaxial digital output allows high-quality sound effects. The high quality MPEG2 audio and video coding technology provide more then 500 lines of horizontal resolution.
The built-in microphone mixer and echo control transmits the desired sound effects.

VARIOUS STANDBY MODES
Variable commercial use of standby modes: advertising, screen saver, and random play

MULTILINGUAL
Supports English/Chinese on the menu navigation and English/Chinese/Japanese lyrics.

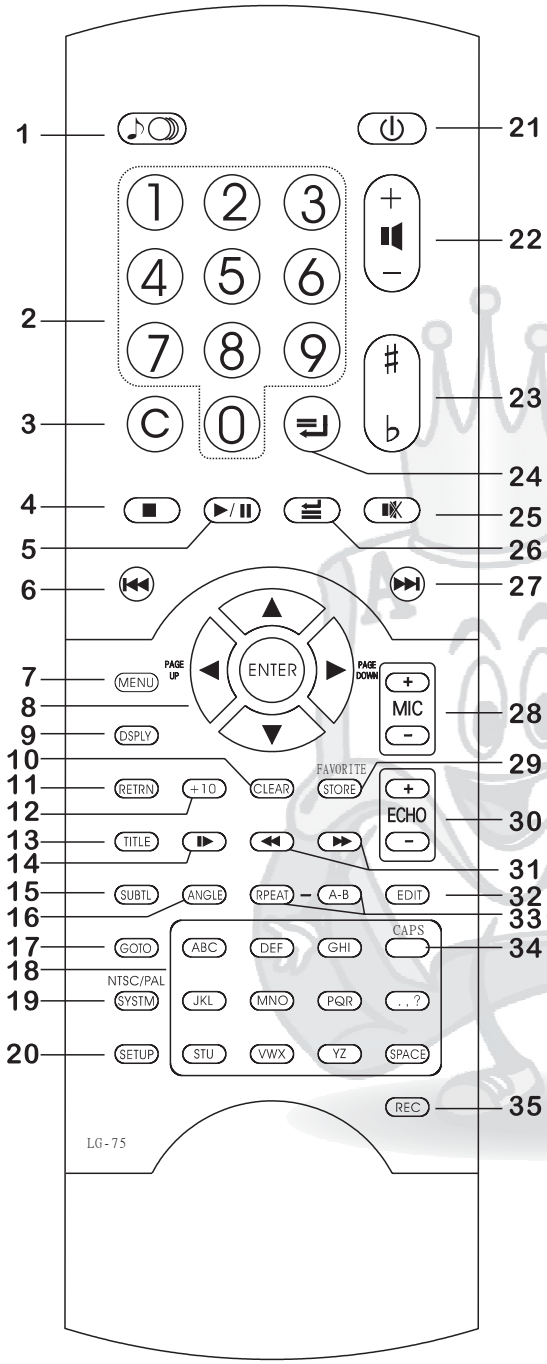
FULLY FUNCTIONAL REMOTE
Full-function large-key glow-in-the-dark karaoke remote control

HIGH CAPACITY HARD DISK
Unlimited storage and upgrade with optional plug & play high capacity hard disks.

MULTI-VOLTAGE POWER SUPPLY
This unit can operate on 100 - 240 voltages.

ELECTRICITY SAVING
On-screeen protection and hard disk electricity saving feature to extend service life.

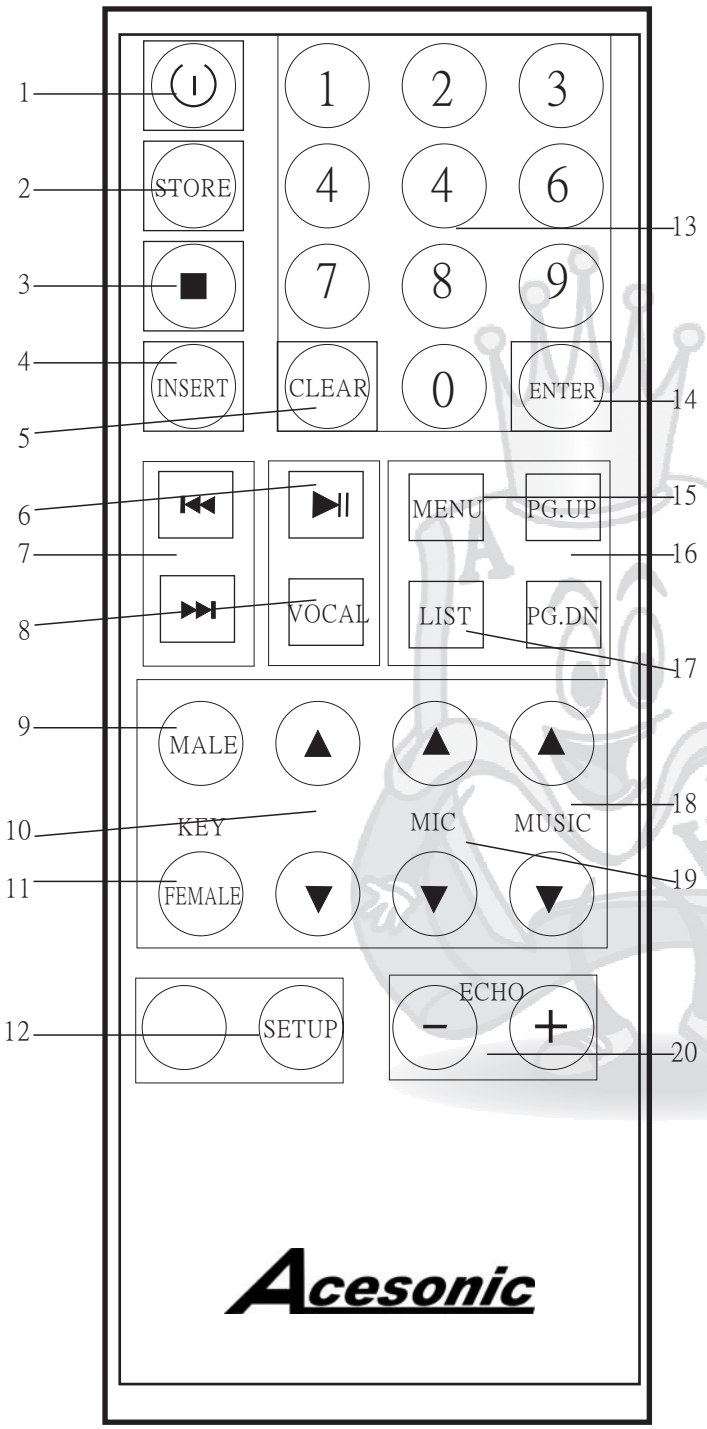
REMOTE CONTROL



1. CHANNEL
2. KEYPAD
3. CLEAN
4. STOP
5. PLAY/PAUSE
6. REPEAT
7. MENU
8. ENTER
9. DISPLAY
10. CLEAR
11. RETURN
12. TENTH DIGIT
13. TITLE
14. SLOW
15. SUBTITLE
16. ANGLE
17. GOTO
18. INPUT
19. TV SYSTEM
20. SETUP
21. ON/OFF
22. VOLUME
23. KEY
24. ADD
25. MUTE
26. INSERT
27. NEXT
28. MIC
29. STORE
30. ECHO
31. FAST FORWARD
32. EDIT
33. A-B/REPEAT
34. CAPS
35. REC

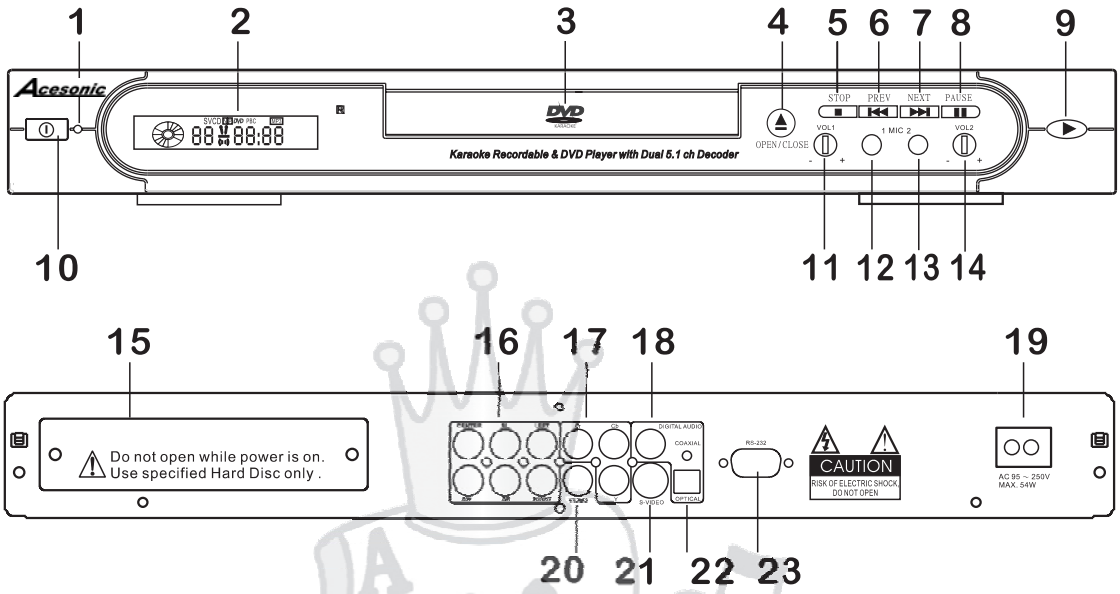
NOTE:

1. Insert AA batteries by matching the + and – ends on the batteries to the correct position in the slot.
2. When using the remote, point it at the remote sensor within effective transmission range up to seven meters and sixty angles.
3. Remove the batteries to avoid possible damage from battery leakage and corrosion if you do not use the remote for an extended period of time.



1. Turns the power on and off
2. To save songs into “My Favorites”
3. To stop the current song, and play the next song.
4. To insert the song into the waiting list. You can insert by the song number, catalog or “My Favorites”
5. Clear what you input.
6. Pause and play.
7. Fast forward or fast backward
8. Turns the vocals on or off.
9. Switches down some keys .
10. Adjusts the key.
11. Switches up some keys.
12. Enters setup.
13. Number keys
14. Enter key
15. To show the menu on the screen.
16. Page up and Page down key
17. Displays the waiting list of the songs
18. Raises or reduces the music volume.
19. Raises or reduces the microphone volume.
20. Raises or reduces the echo effect.

SETUP - FRONT PANEL VIEW



1. STANDBY INDICATOR
2. LED DISPLAY WINDOW
3. DISC TRAY
4. OPEN/CLOSE
5. STOP
6. PREVIOUS
7. NEXT
8. PAUSE
9. PLAY
10. ON/OFF
11. MIC. VOLUME
12. MIC. 1
13. MIC. 2
14. MIC. VOLUME
15. PORTABLE HARD DISK TRAY
16. LEFT: CONNECT TO FRONT LEFT SPEAKER
    RIGHT: CONNECT TO FRONT RIGHT SPEAKER
    SL: CONNECT TO SURROUND LEFT SPEAKER
    SR: CONNECT TO SURROUND RIGHT SPEAKER
    CENTER: CONNECT TO CENTER SPEAKER
    SW: CONNECT TO SUBWOOFER SPEAKER
17. COMPONENT VIDEO OUT
18. COAXIAL DIGITAL AUDIO OUT
19. MAIN POWER PLUG
20. RCA VIDEO OUT
21. S-VIDEO OUT
22. OPTICAL DIGITAL AUDIO OUT
23. RS-232 PORT

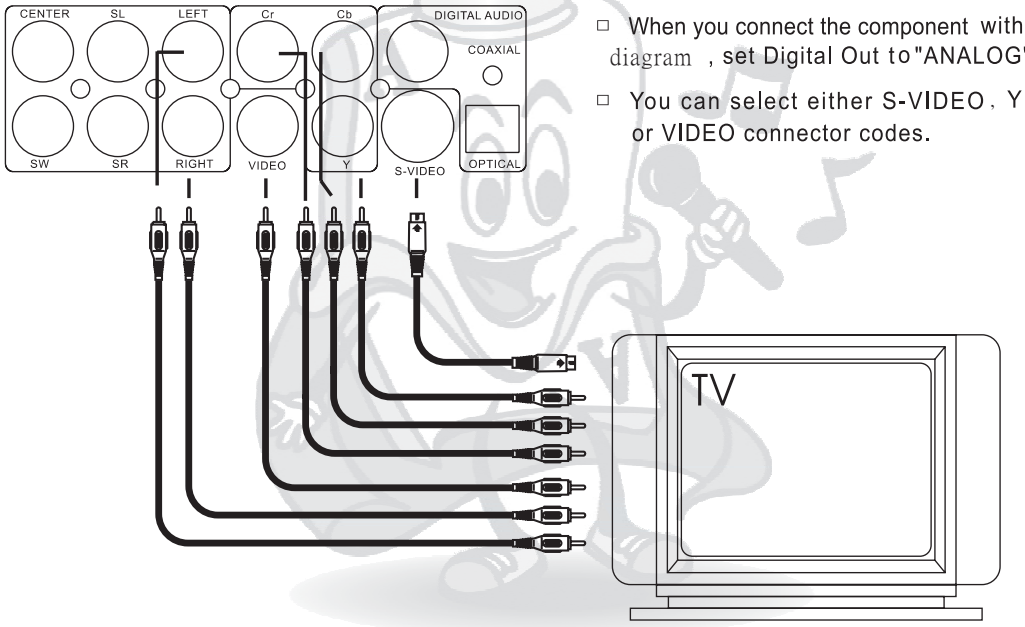
LED INDICATOR

Disc format of current playback-SVCD DVD PBC MP3
Current TV system settings N P
System playback mode- DVD/ KARAOKE
Current playback time

SETUP

1. Before installation, turn off the power of each component.
2. You can use video out, S-Video, component, SPDIF (coaxial/optical) video connections.
3. If your TV has a component input connector, connect the player via the c mponent input using a component cable. You will get clear picture on the TV.
4. If the color system of the TV is NTSC, set player to "NTSC". If it is PAL, change the color system to "PAL". If your TV can comply with both NTSC and PAL color system, then you can set on "AUTO".
5. If the TV is a wide-screen, set TV type to 16:9. If the TV is a traditional screen, set the TV type to 4:3 LB or 4:3 PN.

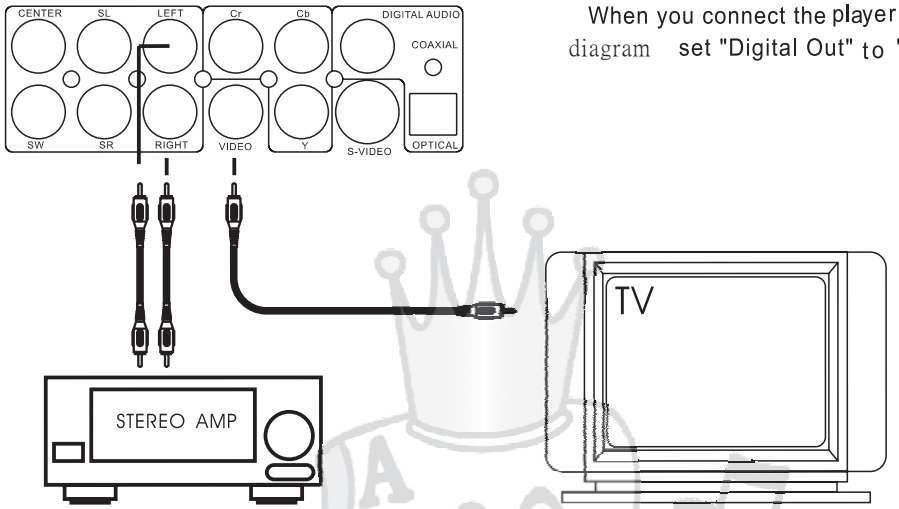
SETUP--TV CONNECTIONS



- When you connect the component with the following diagram , set Digital Out to "ANALOG".
- You can select either S-VIDEO, Y Cr Cb or VIDEO connector codes.

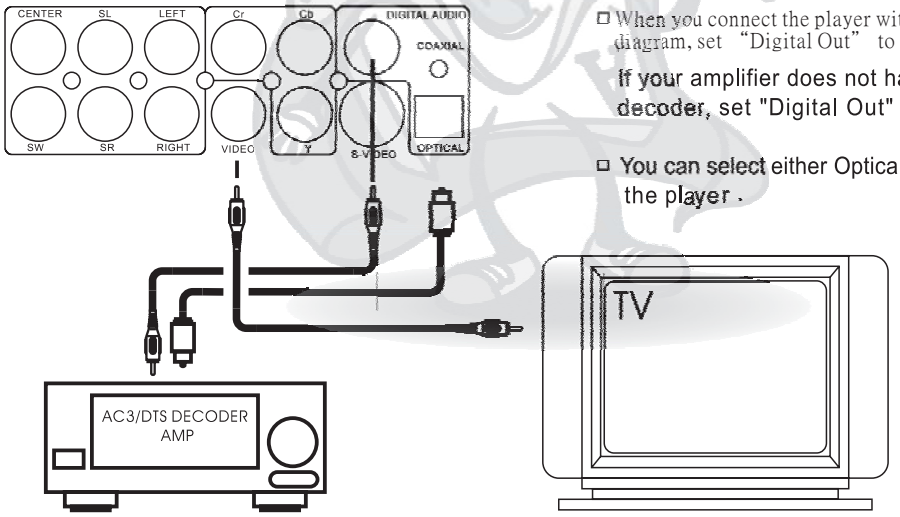
AMPLIFIER SETUP

STEREO AMPLIFIER CONNECTION



When you connect the player with the following diagram set "Digital Out" to "ANALOG".

AC3/DTS DECODER AMPLIFIER CONNECTION



- When you connect the player with the following diagram, set "Digital Out" to "SPDIF/RAW".

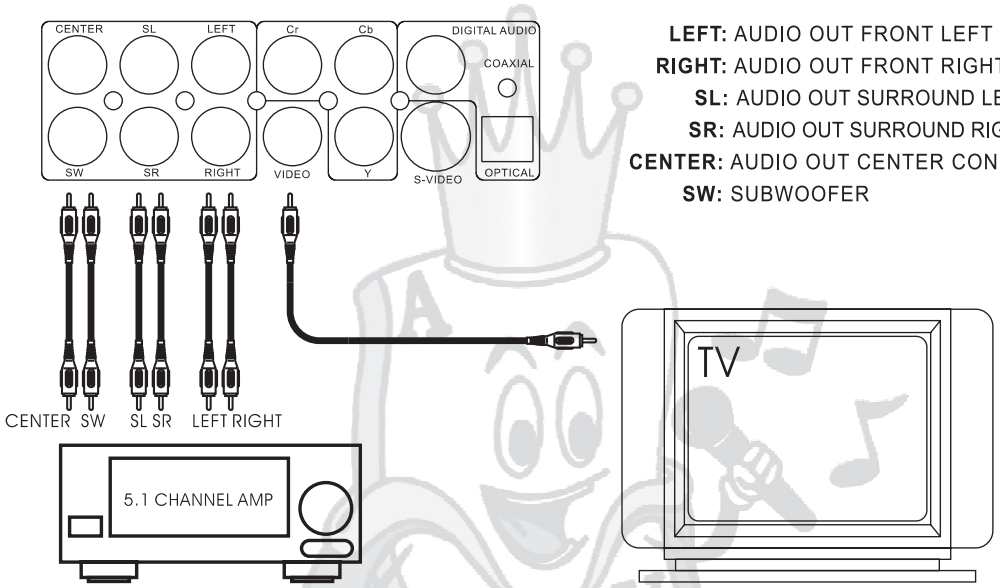
  If your amplifier does not have built-in AC3/DTS decoder, set "Digital Out" to "SPDIF/PCM".

- You can select either Optical or Coaxial to connect the player.

SETUP-AMPLIFIER HOOKUPS

5.1 CHANNEL AMPLIFIER CONNECTION

When you connect the player with the following diagram set "Digital Out" to "ANALOG".



LEFT: AUDIO OUT FRONT LEFT CONNECTOR
RIGHT: AUDIO OUT FRONT RIGHT CONNECTOR
SL: AUDIO OUT SURROUND LEFT CONNECTOR
SR: AUDIO OUT SURROUND RIGHT CONNECTOR
CENTER: AUDIO OUT CENTER CONNECTOR
SW: SUBWOOFER

BASIC OPERATION

PLAYING DISCS

1. Plug the power cord into the rear panel.
2. Plug the power cord into the wall outlet.
3. Press the power button on the front panel.

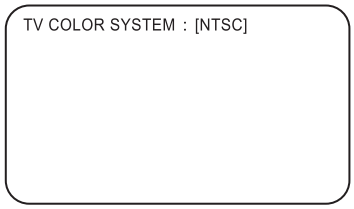
4. Press ⏏ on the front panel to open the disc tray.
5. Place a disc on the disc tray with the disc's label side facing up.
6. Press ▶ on the panel to start playback.
7. When playback ends, press ■ .
8. Remove the disc and then turn off the power.

NOTE:
If you plan to stop the playback, press ■ twice when playing DVD discs.

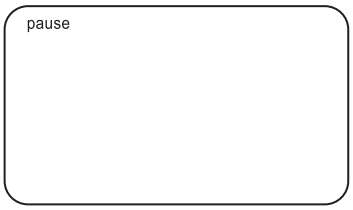
TV COLOR SYSTEM SETUP

Switch the color system (NTSC/PAL) according to your TV.

If the color system of the TV is NTSC, press NTSC/PAL (SYSTM) to set the player to "NTSC". If it is PAL, set the color system to "PAL". If your TV complies with both NTSC and PAL color system, set your TV to "AUTO".



PAUSE



1. Press ►/II to pause playback; press again to resume playback.
2. If a CD is set on pause mode over 20 minutes, the player automatically stops the disc playback. In order to resume playback, press PLAY.

DISPLAY

When playing a disc, press (DSPLY) to show the playback mode on the screen. Press again to cancel the display.

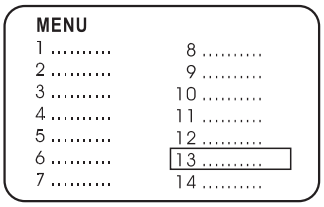
VOLUME CONTROL

Use the volume knob on the amplifier or on the TV to adjust the volume. Press the + button to increase the volume or — button to decrease the volume.

BASIC OPERATION

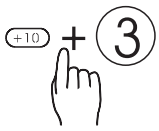
USING A DVD MENU

Some DVD discs have title/chapter menu. When playback starts, a Title/Chapter menu appears on the screen. You can use the numeric buttons or arrow buttons to select the desired title or chapter.

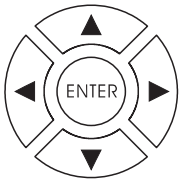


Ex: Selecting Track 13

1. Press +10 and then 3 buttons.



2. Or move the highlight to Track 13 using arrow buttons and press (ENTER) to select.



3. Press (RETRN) to return to the previous menu.

4. Press (MENU) to return to the main menu, Press again to return to the previous playback position.

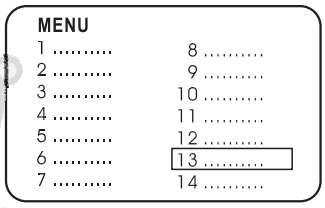
5. If the disc has a multilayer menu, you can press (TITLE) to return to the top menu.

CDG & VCD PBC PLAYBACK

If your CDG or VCD 2.0 disc is programmed with PBC feature, you can access the menu to select.

Ex: Playing VCD 2.0 disc

1. Press (▶/II), then the main menu appears on the TV screen.



2. Use ⏮ ⏭ button to turn the pages if a sub-menu is available.

3. Press the numeric buttons to start playback of the desired song.

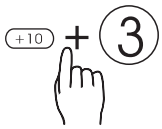
4. Press (RETRN) to go to the main menu.

PLAYING A TITLE/CHAPTER

1. You can select a desired Title/Chapter from the disc menu or use the numeric buttons to directly input the title/chapter number.

2. If the entry number is smaller than 10, press the number directly.

3. If the entry number is bigger than 10, press (+10) and then numeric button for the last digit. In this example, the entry will start playing track 13.



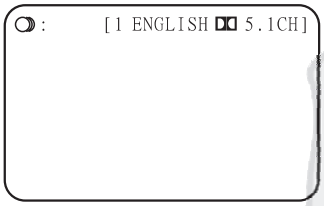
ADVANCED OPERATION

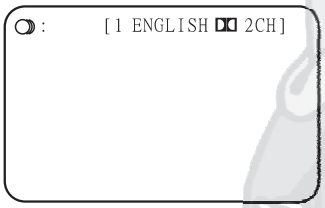
SETTING AUDIO OUTPUT

You can set various audio languages when playing a DVD or SVCD with programmed multi-lingual feature.

You can select left/right channel audio output or stereo audio output when playing a VCD or CD with programmed multi-channel feature.

When playing DVD discs, press then the screen will display:





The player outputs an audio language depending on the type of discs.

When playing SVCD discs, press then the screen will display:

: [1]
: [2]
: [3]
: [4]

When playing VCD and CD discs, press and the screen will display:

AUDIO : LEFT
AUDIO : RIGHT
AUDIO : STEREO

When playing bilingual films, press to select the desired language.

MUTE

When playing discs, you can close the audio output with this feature.

1. Mute

To turn off the audio press , then Mute will appear on the screen.

2. Resume

To turn the audio output back on, press again or the volume control buttons.

FAST FORWARD

You can locate a particular point on a disc quickly by using the fast forward or the fast reverse feature.

1. During playback, press to fast-forward.

2. Each time you press ; the playback speed will change as follows:

FF x 02 → FF x 04 → FF x 08 →FF x 20→ NORMAL

FAST REVERSE

1. During playback, press to fast reverse.

2. Each time you press ; the playback speed will change as follows:

FR x 02 → FR x 04 → FR x 08 → FR x 20→NORMAL

3. When playing CDs, press and hold to enter fast forward mode, press and hold to enter fast reverse mode. The playback returns to normal when you stop pressing the button.

ADVANCED OPERATION

SLOW SCAN

1. During playback, press (▮▶) to slow scan.

2. Each time you press (▮▶); the playback speed will change as follows:

   SLOW 1/2 → SLOW 1/3 → SLOW 1/4→ SLOW 1/5 → SLOW 1/6→ SLOW 1/7→ NORMAL (normal speed)

3. Holds (▮▶) when you reach the desired sped. Releasing (▮▶) returns playback to normal speed.

REPEAT PLAY

When playing DVD/VCD discs, you can use this feature to play a specific portion-track/title/chapter/all repeatedly. You can also set specif c points to start the repeat play.

1. During playback, each time you press (RPEAT), the TV screen will display:

REPEAT: OFF
REPEAT: CHAPTER
REPEAT: TITLE

2. Press (RPEAT) twice until the screen displays "**REPEAT: OFF**".

3. When playing SVCD and VCD discs, first close the PBC function. You can press the numeric button to cancel when the discs stops. Press (RPEAT) to switch between "**REPEAT ONE**" or "**REPEAT ALL**"

4. To play a specific portion repeatedly, press (A-B) to set the starting point.

   When you reach the ending point, press (A-B) again to set the ending point.

You can start A-B Repeat anytime during playback by pressing (A-B). The disc will play the specified portion repeatedly.

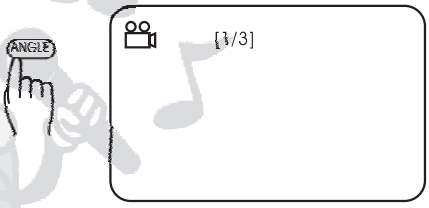
SETTING SUBTITLE

You can press (SUBTL) to set various languages for the on-screen display when playing DVD or SVCD discs.

This function will work only with the discs that are programmed with language selections. Some discs don't have this feature or the language selections are not available.

SETTING ANGLES

With DVDs in which various angles for a scene are recorded, you can select the desired angle. The TV screen will display , then you can press (ANGLE) to change to another angle.

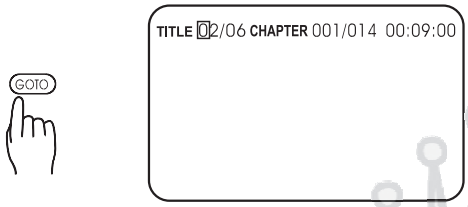


In order to change to different angles, press (ANGLE) again to select "2/3" or "3/3".

ADVANCED OPERATION

TIME SEARCH

You can enter a specific time and set the player to start from the selected time.

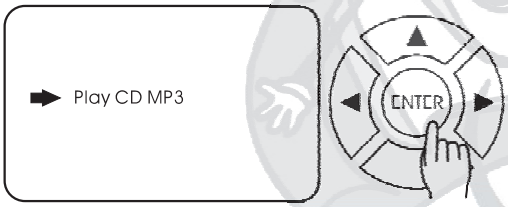


Press (GOTO), then use the arrow buttons to highlight and numeric buttons to enter the chapter/title number and time. Press ENTER to input the information and start playback from the selected time.

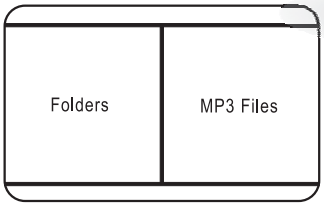
When playing SVCD, VCD and CD, you can only select track and time.

PLAYING MP3

When you load a MP3 disc, the TV screen will display:



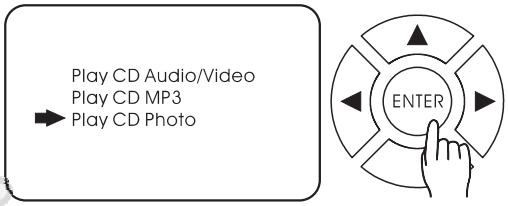
Press the ENTER button, then the TV screen will display:



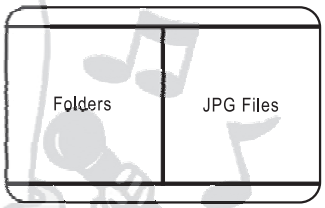
Use the arrow buttons on the remote to browse each folder and title of MP3 file folders.

PLAYING CDG, MPG and the Others..

When you load a disc with JPG or MPG files, the player will read the disc and display:



The picture indicates the TV on-screen display when playing JPG files. You can press ENTER to go to the file directory.



Use the arrow buttons to select the desi ed file and press ENTER to enlarge the selected picture.

Press the ⏮ ⏭ buttons to open the previous or the next file. In order to return to the main menu, press (RETRN).

If the files in your disc are MPG format, select "PLAY CD AUDIO/VIDEO" after loading the disc and follow the above examples to play the disc.

SETTINGS AND ADJUSTMENTS

With DVD playback mode, you can set the following functions to obtain the best performance.

MENU

SYSTEM SETUP
LANGUAGE SETUP
AUDIO SETUP
SPEAKER SETUP
DIGITAL SETUP

EXIT SETUP

1. SYSTEM SETUP

The menu is displayed as follows:

TV SYSTEM → NTSC / PAL 60 / PAL / AUTO
SCREEN SAVER → ON / OFF
VIDEO → S-VIDEO / YUV / RGB
TV TYPE → 4:3 PS / 4:3 LB / 16:9
PASSWORD → -----
RATINGS → NO ADULT / KID SAFE / VIEW ALL
DEFAULT → RESTORE
MAIN PAGE

TV SETUP

If the TV color system is NTSC, set the player to "NTSC". If it is PAL, change the color system to "PAL60" or "PAL".

If your TV complies with both NTSC and PAL color system, set your TV to "AUTO".

SCREEN SAVER

The screen will enter sleep mode when the player is not in use for a period of time.

VIDEO

This player has built-in S-video and component connection. Choose either one to connect the component. If your TV only has an S-video connector, set it to "S-VIDEO" if your TV has a component connector, select "COMPONENT".

TV TYPE

4:3 PAN SCAN

When displaying a wide picture, the screen displays in 4:3 ratio and cuts off the portions that do not fit.

4:3 LETTER BOX

If your TV is not wide-screen. The screen displays with black bands on the upper and lower portions when displaying a wide picture.

16:9 WIDE SCREEN

Select this when you connect a wide-screen TV to the player.

PASSWORD

You can set a password for the player. If the player has registered a password, you have to enter your password in order to change rating level.

RATING

This feature is a rating limit system. Like movie ratings, you can set three ratings for the discs encoded with rating information-"NO ADULT" "KID SAFE" and "VIEW ALL".

DEFAULTS

Use the default feature to r store all options to the fac ory de aults, but the password and rating settings are not affected.

SETTINGS AND ADJUSTMENTS

2. LANGUAGE SETUP

OSD LANGUAGE

You can set various OSD languages. There are two language selections; the default is English. This setup will change the OSD language both in DVD and karaoke mode.

AUDIO LANGUAGE

With the disc recorded with different audio languages, you can set your preferred audio language. If the language you specified is recorded on the disc, the system automatically plays disc in that language.

SUBTITLE LANGUAGE

With discs encoded with different subtitle languages, you can set your player to play discs with the specified subtitles.

DVD MENU LANGUAGE

Some multilingual discs have disc menus in several languages. This setting can select the language to be displayed on the DVD menu.

3. AUDIO SETUP

ANALOG

You can select from three options. If you want to use 5.1-channel audio output to connect your amplifier, set the player to "ANALOG".

If you use 5.1 CH amplifiers with optical or coaxial connectors, you can set the player to "SPDI/ RAW".

If you want to use stereo amplifiers with optical or coaxial connectors, set the player to "SPDIF/PCM".

MICROPHONE SETUP

This feature can control the microphone performance.

ECHO

You can set the echo delay time with this feature or press the ECHO button on the remote.

MIC. VOLUME

This feature is used to control the microphone volume or you can press MIC. +/- on the remote.

KEY

This feature is used to set the music key or you can press +/- to raise or lower the key.

SETTINGS AND ADJUSTMENTS

4. SPEAKER SETUP

DOWNMIX:

LT/RT : When playing d scs with PROLOGIC Dolby stereo effects, you can sel ct this output mode to enjoy live sounds just like you can hear in the theater.

STEREO: When you play 5.1 channel discs, the left/right connectors project the audio output of the front channels. When playing other general discs, the audio output is stereo.

VSS: When you play 5.1-channel discs, this setting will mix the surround audio outputs to front channels to simulate the surround effects.

OFF: Select this mode in order to use 5.1-channel amplifier.

SUBWOOFER

This feature can turn the subwoofer outputs on/off.

BASS

This feature can set your spea er type:

ALL LG SPK
ALL SM SPK
MIXED SPK

CENTER DELAY TIME

You can set this between 0~5 ms Each ms equals to 34 cm. DF refers to the distance between you and the front speakers.

DC refers to the distance between you and the central speaker.

CENTRAL DELAY = (DF-DC)/34

SURROUND DELAY TIME

You can set this between 0~15 ms. Each ms equals to 34 cm. The ormula of Surround Delay is the same to that of Central Delay. This setting gives each unit 3ms. You can get a close figure to the delay calculation outcome.

NOTE

You have to turn off DOWNMIX mode in order to turn on Center Delay and Surround Delay.

5. DIGITAL SETUP

OP MODE

LINE OUT: Compresses the output signal.
RF R MODE: Output signal is not compresed.

Dynamic Range

If the output mode is set to "LINE OUTPUT", you can adjust the compression rate to get the best sound effects.

L+R:

This will only work with mix mode when you play 5.1 channel DVD discs.

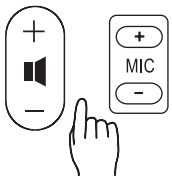
NOTE

You can only set the player to Digital Output when playing 5.1 channel DVD discs.

BASIC KARAOKE OPERATION

GETTING STARTED

1. Make sure the disc tray is empty. If not, remove the disc.
2. Connect microphones to the input jacks on the front panel. You can use two microphones with this player to enjoy karaoke fun.
3. If this is your first time to use this player, please use the volume control buttons to adjust to an adequate volume level.



SELECTING A SONG

You can use the following ways to add desired songs into the play list.

1. Find out the song number of desired songs from the songbook. Input the song number using the numeric buttons and then press ENTER or ⏎.

2. Press MENU to show the index and use the numeric buttons or arrow buttons to select the desired item, then press ⏎ or ENTER.

SETTING A PRIORITY SONG

1. Follow the song selection steps to select a desired song, then press ⏎ instead of ⏎ or ENTER button to set this song on the top of the play list.
2. Press DSPLY and all the songs on the play list will show on the screen. Use the arrow buttons to select the desired song, then press ⏎ to set this song to be displayed next in order.

CLEAN

If you input a wrong number entry, press Ⓒ to delete the last digit entered.

RENEW

During playback, you can press ⏮ to replay the current song from the beginning.

DISPLAYING PLAYLIST

You can press DSPLY to show the play list. If the number of reserved songs exceed five, press ◄ ► to display the next or previous page.

CANCELING A SONG FROM THE PLAYLIST

1. Press DSPLY to show the playlist.
2. Use the arrow buttons to highlight the undesired song.
3. Press CLEAR to delete the song from the playlist.

SKIPPING A SONG

If you don't like the current song, you can press ⏭ to skip to the next song on the playlist.

STOPPING A SONG

Press ■ to stop karaoke playback. You can play discs hereafter. You can press ⏭ or ►/II button to restart playback of the reserved songs.

BASIC KARAOKE OPERATION

PAUSE

Press (▶/II) to pause playback, press again to resume playback.

AUTO PLAY

With the player power on, the screen will display "NO DISC". You can press (▶/II) button to start auto-play. All the songs in the H.D.D. will be displayed in a random order. If you want to end random play mode, press (■) or input song numbers.

Random play mode is useful for singing competitions, demonstration or background music display.

MUTE

When playing discs, you can turn off the audio using (🔇). In order to resume turnon the audio press (🔇) again.

MULTI-CHANNEL

Press (♪) to switch different audio output channels to meet your demands.

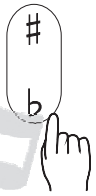
AUDIO: VOCAL
AUDIO: KARAOKE

SETTING MICROPHONE ECHO

Sound effects are adjustable using the ECHO button. Adjust the microphone echo level according to your preference. Eight levels can be selected to adjust microphone echo effects. Level 0 for no echo effect, and level 8 for the strongest echo effects.

ADJUSTING PITCH

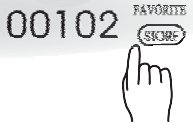
If the song is pitched too high or too low for your voice, you can press the key button to set the song to a lower or higher pitch.



ADDING "MY FAVORITE" SONGS

Ten "My Favorite" directories are preset in player. You can follow these steps to store your favorite songs to "MY FAVORITE".

Follow the song selection steps to select a desired song, then press FAVORITE STORE, instead of (↵), to set this song under "MY FAVORITE" menu.



00102 Twinkles
Add this song to which menu?

1. CHINESE	2. TAIWANESE
3. CANTONESE	4. ENGLISH
5. JAPANESE	6. SPANISH
7. VIETNAMESE	8. OTHERS
9. MY FAVORITE	

ADVANCED KARAOKE OPERATION

EDIT "MY FAVORITE" TITLE

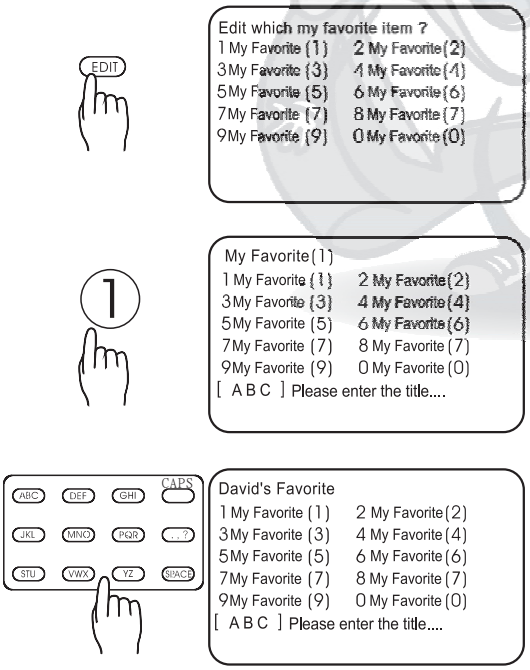
There are ten "My Favorite" sub-directories.
You can follow these steps to rename them.

1. Perform this feature when the player finishes playing all songs on playlist.
2. Press (EDIT).
3. Press the numeric or arrow buttons to select the menu.
4. Input the title name and then press (ENTER). You can cancel changes by pressing (RETRN).

NOTE:

1. With Chinese/English switch tab and mandarin phonics input system, you can set a title formed by any Chinese or English fonts or symbols.
2. The English/Chinese switch tab can set different input Methods.

【ㄅㄆㄇ】CHINESE PHONETIC INPUT METHOD
【漢 語】 ROMANIZATION INPUT METHOD
【ＡＢＣ】FULLWIDTH UPPERCASE INPUT METHOD
【abc】FULLWIDTH LOWERCASE LETTER INPUT METHOD
【 ABC 】HALFWIDTH UPPERCASE LETTER INPUT METHOD
【 abc 】HALFWIDTH LOWERCASE LETTER INPUT METHOD
【 あいう 】KATAKANA
【 アイウ 】HIRAGANA


EDIT
Edit which my favorite item ?
1 My Favorite (1) 2 My Favorite (2)
3 My Favorite (3) 4 My Favorite (4)
5 My Favorite (5) 6 My Favorite (6)
7 My Favorite (7) 8 My Favorite (7)
9 My Favorite (9) 0 My Favorite (0)
1
My Favorite (1)
1 My Favorite (1) 2 My Favorite (2)
3 My Favorite (3) 4 My Favorite (4)
5 My Favorite (5) 6 My Favorite (6)
7 My Favorite (7) 8 My Favorite (7)
9 My Favorite (9) 0 My Favorite (0)
[ABC] Please enter the title....
CAPS
ABC DEF GHI
JKL MNO PQR
STU VWX YZ SPACE
David's Favorite
1 My Favorite (1) 2 My Favorite (2)
3 My Favorite (3) 4 My Favorite (4)
5 My Favorite (5) 6 My Favorite (6)
7 My Favorite (7) 8 My Favorite (7)
9 My Favorite (9) 0 My Favorite (0)
[ABC] Please enter the title....

DELETE "MY FAVORITE" SONG

You can follow these teps to delete songs stored in "My Favorite" folder.

1. Perform this feature when player finishes playing all songs on the playlist.
2. Press (MENU) and then the numeric or arrow buttons to enter "My Favorite" menu.
3. Press the numeric or arrow buttons to enter the selected menu.
4. Use the arrow buttons to highlight the songs to be deleted and then press (CLEAR).
5. Press (ENTER) to confirm the deletion or other buttons to cancel the deletion.

RECORDING SONGS

You can record the film or song from a VCD disc or CDG to the hard disk.

1. Place the disc with songs or films you want to record into the disc tray. Follow the normal procedure to play the disc.
2. When you find the start of the song or a specific portion to be recorded, press (REC) to enter recording mode and then follow instructions* displayed on the screen.(Press (REC) again to start recording)
3. General, karaoke songs are recorded as individual tracks. The player will record the entire track (Not the whole disc!) no matter when you press the (REC) during the current playback.
4. If the songs or films are edited into one segment, the player will record the entire disc. In most films and some karaoke songs, segmentations are not preset.
5. Remove the disc from the tray and close it.
6. When the screen shows "NO DISC", you can select the song by the number you inserted previously.

*Recording instructions

1. Hit the record button to enter record mode.
2. Hit the record button to start recording the current track, or hit the cancel button to abort.
3. Input the song number by using the remote control for this song, then press the Enter button.
4. Select the folder which you want to put your song in.
5. Input a song name, then press Enter the button to complete the recording.

NOTE:

1. You cannot record any films to "My Favorite" directly. If you want to set the recorded films into "My Favorite" menu, you can follow the steps of EDITING "MY FAVORITE" TITLE.
2. Do not turn off the power when the player is recording films or songs.
3. You can press (CLEAR) to cancel the recording.

KARAOKE SETTINGS AND ADJUSTMENTS

DELETING SONGS FROM THE H.D.D

1. Make sure the playlist is empty.
2. Input the song number of undesired songs, and then press (CLEAR) .
3. Refer to the on-screen display and confirm the deletion.

00102 We are the world
Delete this song from hard disc?
Press **ENTER** to start or press other key to abort.
Attention: You'll lose this song forever. You're recommended to do this unless you have not enough HD space.

SETTINGS AND ADJUSTMENTS

With karaoke playback mode you can set the following functions to obtain the best performance.
When you press SETUP, the menu displays as follows:

1. MENU FONT
2. LYRIC FONT
3. REPEAT MODE
4. PASSWORD
5. VOLUME CONTROL
6. STANDBY MODE
7. PLAY INTERLUDE

CHANGING MENU FONT

Several Chinese fonts are built in to this player for selection . You can follow these steps to change the menu fonts.

1. First, make sure the player is not under playback mode.
2. Press SETUP.
3. Use the numeric keys to select "1. MENU FONT" .
4. Press the numeric keys to select your favorite font from the available options.

NOTE:

1. You cannot change the menu font during playback.
2. The built-in fonts may vary with some models.

CHANGING LYRIC FONT

You can select from three Chinese fonts for lyric display.

1. Press SETUP.
2. Use the numeric keys to select "2 LYRIC FONT"
3. Press the numeric keys to select your favorite font from the available options.

NOTE:

3. You cannot change the lyric fonts during playback.
4. The built-in fonts may vary with some models.

CHANGING REPEAT MODE

During playback, you can press REPEAT to turn repeat mode on/off.

If the player is not playing any disc, you can press SETUP and then select "3 REPEAT MODE" and follow the instructions on the screen.

1. Turn on repeat mode
2. Turn off repeat mode

In case of Repeat Mode is ON.
The song played will add to Queue.

This feature is useful for road-show demonstration or background music. With repeat mode, the song played will be added into playlist again and repeat.

SETTING PASSWORD

You can set the password to lock the karaoke functions. After you registered a password, you have to enter the password in order to enter karaoke mode.

1. First, make sure the player is not under playback mode.
2. Press SETUP and select "4 PASSWORD".
3. Input your password using a 1~6 digit number and then press ENTER.
4. To confirm the new password, you will be prompted to re-enter the new password. If you don't, the password becomes inactive when you turn the power off.

NOTE:

1. If you registered a password, you have to input the correct password to enter karaoke playback mode. If not, you can only play discs.
2. You only have five chances to enter a correct password. After that, the player will be locked. You will have to restart the player again.
3. If you forget your password, please contact your dealer.

SETTING VOLUME CONTROL MODE

1. Enable volume control
2. Disable volume control

If the remote can control your amplifier volume, please disable volume control by following these steps:

1. First, make sure the player is not under playback mode.
2. Press SETUP and select "5 VOLUME CONTROL".
3. To disable volume control, press numeral key to select "2 Disable volume control". If the remote cannot control your amplifier volume, please select "1 Enable volume control".

NOTE:

This function is not available with some models.

SETTING STANDBY MODE

You can select a desired standby mode from three options.

When you turn standby mode on, the player will enter standby mode when finished playing all songs on the playlist or when the player received no further command for a period of time.

1. OFF: Turn off the standby function.
2. SCREEN SAVER: The player will activate the screen saver mode when the operation stops for a period of time.
3. RANDOM PLAY: The player will start random play of all the songs on the hard disc when the operation stops for a period of time.
4. ADVERTISE VIDEO: The player will start playback of advertising videos in order.

SETTING INTERLUDE MODE

When the player finishes playback of each song, it will play a short cheerful video to prompt the exciting atmosphere of singing. You can choose to turn the interlude mode on/off.

TROUBLESHOOTING

Please refer to the following method to detect problems if any functions fail to perform properly.

NO SOUND

- Ensure that the equipment is connected properly.
- Ensure that the input settings and the volume adjustment for the TV are correct.
- Ensure that the input settings and the volume adjustment for the receiver are correct.

NO PICTURE

- Ensure that the equipment is connected properly.
- Ensure the TV is properly set on a correct mode.
- Ensure that the input setting for the TV is correct.

DISTORTED SOUND

- Ensure that the equipment is connected properly.
- Ensure that the input settings and the volume adjustment for the TV and/ receiver are correct.

DISTORTED PICTURE

- Ensure that the input setting for the TV is correct.
- Ensure that the connection to the YUV jack is set properly.
- Ensure that the output setting is correct. Select only one output connection, either S-Video or YUV.
- Ensure that the connection cord is in good condition.

SELECTED SONG WON'T PLAY

- Ensure that the disc tray is empty.
- Ensure that the selected song is recorded in the H.D.D.
- Please check if you have deleted this song.

NO POWER

- Make sure both ends of the AC power cord are securely plugged into the DVD player and into the wall outlet.
- Ensure the power switch on the back panel is turned on.

DISC WON'T PLAY

- Insert a disc with label side facing up.
- If the laser reader is dirty, use a lense cleaner disc.
- Please check if the disc surface is dirty. Wipe the disc with a cleaning cloth.

NO MICROPHONE SOUND

- Ensure that the microphone is connected properly.
- Ensure that the microphone power is turned on.
- Switch the volume control knob on the front panel clockwise.
- Adjust the microphone volume with the remote control.

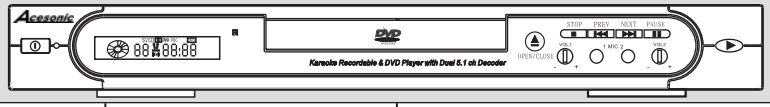
REMOTE WON'T WORK

- Remove any obstacles between the remote and the DVD player.
- Operate the remote control close to the DVD player and point directly at the sensor.
- Please check if the batteries in the remote need to be replaced .

EDIT YOUR OWN SONGBOOK

***WARNING: YOU MUST BE COMPUTER SAVVY TO DO THIS. ACESONIC CORP. WILL NOT BE RESPONSIBLE FOR ANY DAMAGE YOU MAY CAUSE!**

There are two files in the Hard drive that handle the song database. One is MAINMENU.TXT,another one is SONGLIST.TXT. MAINMENU.TXT contains the OSD song category, and SONGLIST.TXT saves the song numbers, song name and the path of song. If you want to edit your own song book, first you have to find the SONGLIST.TXT on the Hard drive.Then open SONGLIST.TXT with Microsoft Excel or any kind of editing software to make your own song book.



General	Power supply	AC 100V~220V(50/60Hz)
	Power Consumption	Less than 54W
	Dimension	16.9 in X 11.4 in X 22.in
	Weight	7.7lbs (3.5kg)
Outputs	Laser Wavelength	650nm
	Audio Output (analog)	2V ± 10% / load impedance 10Ω
	Audio Output (digital)	0.5VP-P ± 20% / load impedance 75Ω
	Video Output	1VP-P ± 20% / load impedance 75Ω
	Signal Format System	NTSC/PAL/PAL60/AUTO
	Composite Output	Brightness Y 700mV± 20%
		Color Cb 535.5mV± 20%
		Color Cr 535.5mV± 20%
	S-Video Output	Brightness Y 1 Vp ± 20%
		Color C 0.286 Vp-p ± 20%
Input	Microphone	6.35 mm single plug
		Maximum input 10mV/ load impedance 600Ω
HD	Hard Disk	3.5 inch FAT32 ATA-100 maximum 2000GB
Digital Audio Characteristics	Frequency Response	20Hz~20KHz(±1dB)
	Signal-to Noise Ratio	More than 85dB
	Channel Separation	More than 85dB(1KHz)
	Dynamic Range	More than 85dB(1KHz)
	Signal-to Noise Ratio	More than 85dB

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